JOIN1 DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

No. 37,608, and Philip L. McGarrigle, Reg. No. 31395.

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "METHOD FOR DETECTING CHEMICAL INTERACTIONS BETWEEN NATURALLY OCCURRING BIO-POLYMERS WHICH ARE NON-IDENTICAL BINDING PARTNERS"

	n of which is attached hereto.							
	was filed on June 1		se Applicati	ion Serial Number 09/09	7 675	and was ame	nded on	(if applicab
_	was mos on style I	V. 1220	as Applican	ion senai Number <u>92/92</u>	1.013	and was arric		— (rt abbucac
	ereby state that we have erred to above.	reviewed and	understand th	he contents of the above	identified spe	cification, incl	uding the claims, as	amended by
We a ulations, §		lisclose informa	ution which is n	naterial to the examination	of the patent	ability in acco	rdance with Title 37	, Code of Fed
			Prior	Foreign Applicatio	n(s)			
	d have also identified be			United States Code, §11 (s) for patent or inventor				
	Country	Applicatio	n Number	Date of Filing (day, month, year)		of Issue	Priority Cla	
oject matter le 35, Unite	of each of the claims of d States Code, §112, we	this application	Inited States C n is not disclose the duty to di	nited States Applicated, § 120 of the United Sed in the prior United Sisclose material informated the national or PCT into	States provi tates application as define	ion in the man d in Title 37, C	ner provided by the Code of Federal Reg	first paragraph
	Application Serial			Date of Filing (Day, Month, Year)			Status — Patente Pending, Abandon	
		Į.						

on the transfer with the on the transfer the transfer the transfer the transfer transfer the transfer transfer the transfer trans

All correspondence and telephone communications should be addressed to Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, telephone number (202) 508-9100, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

g: (Policia & Breats	Date 28 52/1	A C
Signature Full Name of	7 42 10-4		<u></u>
First Inventor	Ouate 1 Family Name	Calvin First Given Name	Second Given Name
Residence859	Cedro Way, Stanford, California 94305		
Citizenship Unit	ed States of America		
Post Office Address 859 (Cedro Way, Stanford, California 94305		
a: .		Date	
Signature Full Name of	m at a		
Second Inventor_	Trulson Family Name	Mark First Given Name	Second Given Name
Residence1240	Martin Avenue, San Jose, CA 95126		
Citizenship Unit	ted States of America		
Post Office Address1240	Martin Avenue, San Jose, CA 95126		
Signature	gott R. Mundy	Date 9/30/98	·
Full Name of Third Inventor	Monoles Manalis	Scott	R.
	Family Name	First Given Name	Second Given Name
	Merida Drive, Santa Barbara, California 9431		
Part Office			
Address 390	<u>Merida Drive, Santa Barbara, California 94311</u>		
Signature		Datc	
Full Name of Fourth Inventor	Forman	Jonathan	E
	Family Name	First Given Name	Second Given Name
Residence 524	Shadow Court, San Jose, California 95129		
Citizenship Uni	ited States of America		
Address 524	Shadow Court, San Jose, California 95129		

LAW OFFICES
BANNER & WITCOFF, LTD.
1001 G STREET, N.W.
WASHINGTON, D.C. 20001-4597
(202) 508-9100

All correspondence and telephone communications should be addressed to Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, telephone number (202) 508-9100, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature	Date	
Full Name of First Inventor	Calvin First Given Name	F. Second Given Name
Residence 859 Cedro Way, Stanford, California 94305		
Citizenship United States of America Post Office Address 859 Cedro Way, Stanford, California 94305		
Signature 1 0 Tule Full Name of Second Inventor Trulson	Date Mark	OCT OR 1998
Family Name	First Given Name	Second Given Name
Residence 1240 Martin Avenue, San Jose, CA 95126		
Citizenship United States of America Post Office Address 1240 Martin Avenue, San Jose, CA 95126		
Signature Full Name of	Date	R. Second Given Name
Residence 390 Merida Drive, Santa Barbara, California 94311		
Citizenship United States of America Post Office Address 390 Merida Drive, Santa Barbara, California 94311		
Signature		E.
Family Name	First Given Name	Second Given Name
Residence 524 Shadow Court, San Jose, California 95129		
Citizenship United States of America		
Post Office Address 524 Shadow Court, San Jose, California 95129		

LAW OFFICES
BANNER & WITCOFF, LTD.
1001 G STREET, N.W.
WASHINGTON, D.C. 20001-4597
(202) 508-9100

All correspondence and telephone communications should be addressed to Banner & Witcoff, Lto., Eleventh Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, telephone number (202) 508-9100, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature		Date	
Full Name of First Invento	r Ouate	Calvin	F.
	Family Name	First Given Name	Second Given Name
Residence	859 Cedro Way, Stanford, California 94305	· · · · · · · · · · · · · · · · · · ·	
Citizenship_ Post Office	United States of America		
Address	859 Cedro Way, Stanford, California 94305		
Signature		Date	
Full Name o	r.tor Trulson ·	Mark	· **o.
	Family Name	First Given Name	Second Given Name
Residence_	1240 Martin Avenue, San Jose, CA 95126		
	United States of America		
Post Office Address	1240 Martin Avenue, San Jose, CA 95126		
Signature		Date	
Full Name o		Scott	D
Third Invent	tor <u>Manales</u> Family Name	First Given Name	Second Given Name
Residence_	390 Merida Drive, Santa Barbara, California 943	11	
Citizenship	United States of America		
Post Office	390 Merida Drive, Santa Barbara, California 943	11	
Addiess	570 Michae Diffe, Salia Dalbala, California 242	<u> </u>	
Signature	sont ten	Date	9/28/98
Full Name of		Jonathan	— / /
Fourth Inve	Family Name	First Given Name	Second Given Name
Residence_	524 Shadow Court, San Jose, California 95129		
Citizenship	United States of America		
Post Office			

LAW OFFICES
BANNER & WITCOFF, LTD.
1001 G STREET, N.W.
WASHINGTON, D.C. 20001-4597
(202) 508-9100

JOINT DECLARATION FOR PATENT APPLICATION

	We believe we are sought on the invention of OCCURRING BIO-POLY is ethable was filed (if appl	the original, finitled METHOMERS WHICH dhereto. I on June 16, icabie), under the Pater	nst and joint in DD FOR DET I ARE NON-I 1998 as Appeted to the Cooperation		Alter which is claimed INTERACTIONS BE PARTNERS, the speci of 19/097.675, and we ded International Appli	IWEEN NATURALL fication of which is amended on fication
We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for parent or inventor's certificate listed below and have also identified below any foreign application(s) for parent or inventor's certification of the application on which priority is claimed: Date of Filing	claims, as amended by any We hereby acknow	amendment res viedge the duty	ferred to above	.	_	_
Country Application No. Date of Filing (day month year) Prior United States Provisional Application(s) We haveby claim priority benefits under Title 35, United States Code, \$119(a)(1) of any U.S. provisional application I below: Date of Filing U.S. Provisional Application No. Date of Filing Priority Claimed Under 35 U.S.C. \$119(a)(1) Onder 35 U.S.C. \$119(a)(1) From United States Application(s) We hereby claim the benefit under Title 35, United States Application(s) We hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below insofar as the subject manter of each of the claims of this application is not disclosed in the prior United States application is manner provided by the first paragraph of Title 35, United States Code, \$112, we acknowledge the dury to disclose mainformation as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the application and the national or PCT international filing date of this application: Date of Filing Status - Patented.	or inventor's certificane list	ed below and b	benefits under ave also ident	Title 35, United States Cified below any foreign	ode, §119 of any foreign	
We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application 1 below: Date of Filing	Country	Appli	eation No.			Priority Claimed Under 35 U.S.C. §119
Prior United States Application(s) We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application is manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose matinformation as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the application and the national or PCT international filing date of this application: Date of Filing Status - Patented.				, United States Code, §1	19(e)(1) of any U.S. pro	
Date of Filing Status - Patented, Application Serial No. (Day, Month, Year) Pending, Abandoned			(6	lay month year)	Under 35 U	J,S.C. §119(e)(1)
	We hereby claim insofar as the subject mant manner provided by the finformation as defined in	the benefit under of each of the strangeraph of Title 37, Code	rior United or Tide 35, United states of this of Title 35, United States of Follows Re	June 16, 1997 I States Application ted States Code, §120 of s application is not disclinited States Code, §112, gulations, §1.56(a) which	a(5) any United States applianced in the prior United, we acknowledge the	Yes cation(s) listed below at States application in dury to disclose mater

Attorney Docket No. 03848,7492

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Tradsmark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	IWANICKI, John P.	34,628	PETERSON, Thomas L.	30,969
BANNER Donald W.	17,037	JACKSON, Thomas H.	29,608	POTENZA, Joseph M.	28,175
BANNER, Mark T.	29,888	KAGAN, Smil A.	32,141	PRATT, Thomas K.	37,210
BANNER, Perucia I.	31,644	KATZ, Robert S.	36,402	RENK, Christopher J.	13,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	32,168
BODNER, Jordan	42,338	KRAUSE, Joseph P.	32,578	RIVARD, Paul M.	43,446
BUROW, Scott A.	42,373	LINEK, Brest V.	29,822	SCHAD, Steve P.	32,550
CALLAHAN, James V.	20,095	MAGOON, Sumoel	41,769	SHOPLEY, Charles W.	28,042
CHANG, Steve \$	42,402	MALONE, Dale A	32,155	EKERPON, Joseph M.	29,864
COHAN, Gregory J.	40,959	MANNAVA, Asbok K.	45,301	SPAR, Elizabeth	45,123
COOPERMAN, Marc S.	34,143	McDERMOTT, Peter D.	29,411	STOCKLBY, D. J.	34,257
CURTIN, Joseph P.	34,571	McKEE, Christopher L.	32,384	VAN BS, J. Piotor	37,746
DAWSON, John R.	39,504	McKIE, Edward F.	17,335	WILLIAMS, Kathleon M.	34,380
DEMOOR Laura J.	39,654	MEDLOCK NIm L	29,673	WITCOFF, Sheldon W.	17,399
EVANS, Thomas L.	35,803	MEECE, Timothy C.	38,553	WOLFF, Kovin A.	42,233
FEDOROCHICO, Gary D.	35,509	MEEKER, Frederic M.	35,282	WOLFFE, Franklin D.	19,724
FISHER, Daniel E.	34,162	MILLER, Charles L.	43,805	WOLFFE, Susan A.	33,368
FISHER, William J.	32,133	MITRIUS, Innice V.	43,808	WRICHT, Brodley C.	38,051
GLEMBOCKI, Christopher R.	38,800	MORENO, Christopher P.	38,566	McCarriole, Phild L.	31,395
HANLON, Briza E.	40.449	NELSON, Jan O.	24,566	GONZALES, Ellen	44,128
Hemmendinger, Lis M.	42,653	NTEGOWSKI, James A.	28,331	NORVIEL, Vem	32,483
HILLMAN, Liea	43,673	PATEL, Binal J.	42,065	ZHOU, Wel	44,419
HONG, Patricia E.	34,373	PATHAK, Ajay S.	38,266		
HOSCHEIT, Dale H.	19,090	PAYNE BLAVES. 6.	35,316		

All correspondence and telephone communications should be addressed to:

BANNER & WITCOFF, LTD.

Pamela I. Banner

Banner & Witcoff, Ltd. Customer Number: 22907 1001 G Street, N.W., 11th Floor Tel: (202) 508-9100 Washington, D.C. 20001-4597 Fax: (202) 508-9299

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature Full Name of I			Date	
	First Inventor	Ouste	Calvin	F.
		Family Name	First Cives Name	Second Given Name
Residence St	tanford, California		Citizenship	United States of America
Post Office Ad	ddress Ginzton L	aboratory, 450 Via Palou,	Stanford, California, 943	05-4085
0'	•		Date	
Signature				
Full Name of	First Inventor	Truison	Mark	O
		Family Name	First Given Name	Second Given Name
Residence_S	an Jose, California		Citizenship	United States of America
Post Office Ac	ddress 1240 M	lartin Avenue, San Jose, C	California 95126	

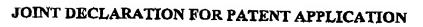
FROM: U8721/UU MUN 13:39 FAX 503 6328

FAX NO.: BANNER & WITCOFF

•

@ 004

Signature Scatt M	Janalis	Date	8/22/00
Full Name of First Inventor	Manalis	Scott	R.
	Family Name	Pirat Given Nurse	Second Given Name
Residence Santa Barbara, California		Citizenship	United States of America
Post Office Address 390 Merida Dr	ive Santa Barbar	2. California, 94311	
Signature		Date	
Full Name of First Inventor	Forman	Jonathan	E.
	Family Nume	First Given Name	Second Given Name
Residence San Carlos, California		Citizenship	United States of America
	By, San Carlos, C	alifornia, 94070	



As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names:

CCURRING BIO-POL is attac was file was file No	YMERS WHICH hed hereto. led on <u>June 16</u> plicable).	H ARE NON-	inventors of the subject r TECTING CHEMICAL IDENTICAL BINDING	PARTNERS, the spec	ETWEEN NATURALL cification of which	
☐ was file No We hereby state	pucable). ed under the Pat			** NOJNO7 E7E 1 .		
☐ was file No We hereby state	ed under the Pat	was filed on June 16, 1998 as Application Serial Number 09/097,675, and was amended on (if applicable). was filed under the Patent Cooperation Treaty (PCT) and accorded International Application				
We hereby state	, 11	ent Cooperation	n Treaty (PCT) and acco and amended on	rded International App	olication (if any).	
	that we have re	viewed and un ferred to abov	derstand the contents of e.	the above identified s	pecification, including t	
We hereby ackn ode of Federal Regulati	owledge the dut ons, §1_56(a).	y to disclose in	nformation which is mate	rial to patentability in	accordance with Title 3	
We bereby claim inventor's certificate li- aving a filing date before	SICH DOTOM STITE!	benefits under lave also ident	reign Application(s) Title 35, United States Confed below any foreign ich priority is claimed:	odu \$110 oF	gn application(s) for pate nt or inventor's certifica	
Country	Appli	eation No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119	
We hereby claim	priority benefits	under Title 35	s Provisional Appli , United States Code, §11 Date of Filing	19(e)(1) of any U.S. pro	ovisional application liste	
U.S. Provisional App	olication No.		ay month year)		J.S.C. §119(e)(1)	
60/049,70	17		June 16, 1997	Yes		
anner provided by the f	the benefit unde er of each of the irst paragraph o Title 37, Code	r Title 35, Unit claims of this f Title 35, Un of Federal Res	States Application and States Code, §120 of a application is not disclosited States Code, §112, guilations, §1.56(a) which are of this application:	any United States applied seed in the prior United	i States application in the	
Application Sci	rial No.		Date of Filing ay, Month, Year)		- Patented, , Abandoned	
				1		

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosceute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	TWANICKI, John P.	34,628	PETERSON, Thomas L.	30,969
BANNER, Donald W.	17,037	JACKSON, Thomas H.	29,808	POTENZA, Joseph M.	28,175
BANNER MERKT.	29,888	KAGAN, Satah A.	32,141	PRATT, Thomas K.	37,210
BANNER, Pamola L	33,644	KATZ, Robert S.	36,402	RENK, Cluislopher J.	33,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	32,168
BODNER, Jordan	42,338	KRAUSE, Joseph P.	32,578	RIVARD, Paul M.	43,446
BUROW, Scon A.	42,373	LINEK, Emost V.	29,822	SCHAD, Sleve P.	32,550
CALLAHAN, James V.	20,095	MAGOON, Sumper	43,769	SHIFLEY, Churics W.	28,042
CHANG, Steve S	42,402	MALONE Dale A	32,155	SKBRPON, Joseph M.	29,864
COHAN, Gregory J.	40,959	MANNAVA, Ashok K,	45,301	SPAR, Elizabeth	45,123
COOPERMAN, Marc S.	34,143	McDERMOTT, Peter D.	29,411	STOCKLEY, D. J.	34,257
CURTIN, Joseph P.	34,571	MoKEE, Christopher L.	32,384	VAN ES, J. Piocer	37,746
DAWSON, John R.	39,504	McKIE, Edward F.	17,335	WILLIAMS, Kathleen M.	34,380
DEMOOR Laura J.	39,654	MEDLOCK, Nina L.	29,673	WITCOFF, Sheldon W.	17,399
EVANS, Thomas L.	35,805	MEECE. Timothy C,	38,553	WOLFF, Kevin A.	42,233
FEDOROCHKO, GMY D.	35,509	MEEKER Frederic M.	35,282	WOLFFE Franklin D.	19,724
FISHER Daniel E.	34,162	MILLER, Charles L.	43,805	WOLFFE, Susan A.	33,568
FISHER, William J.	32,133	MITRIUS, Janice V.	43,808	WRIGHT, Bradley C.	38,061
GLEMBOCKI, Christopher R.	38,800	MORENO, Christopher P.	38,566	McGARRIGLE, Philip L.	31,395
HANLON, Brian E.	40,449	NELSON, Jon O.	24,566	GONZALES, Ellen	44,128
HEMMENDINGER, Lisa M.	42,653	NIEGOWSKI, James A.	28,331	NORVIEL, Vem	32,483
HILLMAN, LISS	43,673	PATEL, Binal J.	42,065	ZHOU, Wai	44,419
HONO, Parricia E.	34,373	PATHAK, Ajby S.	38,266		•
HOSCHEIT, Dale H.	19,090	PAYNE, Stoven S.	35,316		

All correspondence and telephone communications should be addressed to:

Pamela I. Banner

Banner & Witcoff, Ltd. 1001 G Street, N.W., 11th Floor Washington, D.C. 20001-4597 Customer Number: 22907 Tel: (202) 508-9100 Fax: (202) 508-9299

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any putent issuing thereon.

Signature		Date_	
Full Name of First Inventor_	Quate	Calvin	F.
	Family Name	First Given Name	Second Given Name
Residence Stanford, Californ	uia	Citizenship	United States of America
Post Office Address Ginzton		Stanford, California, 943	305-4085
Signature Ul	O Tulson Trulson	Datc_	23 Aug 2000
	Family Namo	Pirst Given Name	Second Given Name
Residence San Jose, Californ	<u> </u>	Citizenship	United States of America

Aug-23-00	01:07pm	From-
-----------	---------	-------

11 11 17 12 14 1500 - 1047043 F-262

Signature		Des	
Pull Name of First Inventor	Manalis	Date	
Residenco Santa Barbara, California Post Office Address 390 Merida D	Family Numo	Scort First Given Name Citizenship ornia, 94311	R Second Given Name United States of America
Signature		D	
Full Name of First Inventor	Г отпар	Date_	
Residence San Carlos, California	Family Name	Jonathan First Given Name	E. Second Given Name
	lay. San Carlos, California	_Citizenship	United States of America

JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

		-		_		•		
sought o	on the in RING B	eve we are the original, f vention entitled METH(IO-POLYMERS WHICI	DD FOR DE	TECTING CHI	MICAL :	INTERACTIONS BI	d and for which a patent is ETWEEN NATURALLY differsion of which	
		is attached hereto.						
	was filed on June 16, 1998 as Application Serial Number 09/097,675, and was amended on (if applicable).							
		was filed under the Pate	nt Cooperatio	n Treaty (PCT)	กดออล ก็สล	ricd International And	lication	
		No, file	ed	and amend	ed on		(if any).	
claims, 2	us annend We here	by state that we have re- ed by any amendment re	ricwed and ur ferred to abov	derstand the co	ntents of t	the above identified a	pecification, including the accordance with Title 37,	
or invent	tor's cert	by claim foreign priority lficate listed below and h te before that of the appl	benefits unde ave also iden	rified below any	d States Co / foreign s	ode, §119 of any forei application(s) for pate	gn application(s) for patent nt or inventor's certificate	
F .		1		Francisco .		entition of the above the	Priority Claimed	
				Date of R		"Dane of Issue	Under 35 U.S.C.	
	Сош	itry Applic	ation No.	(day mout	year)	/(day month year)	\$119	
below;	We here	Prior U by claim priority benefits	nited State under Title 3:	es Provisions 5, United States	a l Appl io Code, §11	с яtion(s) 9(¢)(1) of any U.S. pr	ovisional application listed	
		Bridge Control		Date of Filing	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Proc	ity Claimed	
U.S	Provis	onal Application No.		lay month /yea			J.S.C. §1(9@)(1)"	
		0/049,707		June 16, 1997	Me	- C - C - C - C - C - C - C - C - C - C	Yes	
L		0/043,707		Jule 10, 1997			163	
insofat as manner p informati	s the sub provided ion as d e	by claim the benefit under ject matter of each of the by the first paragraph o	r Title 35, Uni claims of thi f Title 35, Un of Federal Re	s application is nited States Co- gulations, §1,5	, §120 of a not disclo de, §112, 6(a) whicl	ny United States appli sed in the prior Unite we acknowledge the	cation(s) listed below and, d States application in the duty to disclose material he filing date of the prior	
approau	од вис и	is lighted at 1 C1 Missing	TOOKS THINK	rate of mis whb	TCHUOIT			
//	Applic	ation Serial No.	σ	Dafe of Filing bay, Month, Ye	atr)	Statu Pendin	:- Patented, 2. Abandoned	
				·····				
<u></u>								
							•	

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	IWANICKI, John P.	34,628	PETERSON, Thomas L.	30,969
BANNER, Donald W.	17,037	JACKSON, Thomas H.	29,808	POTENZA, Joseph M.	28,175
BANNER Mark T.	29,888	KAGAN, Sarah A.	32,141	PRATT, Thomas K.	37,210
BANNER Panch L	33,644	KATZ, Robert S.	36,402	RENK, Christopher J.	33,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	92,168
BODNER, Jordan	42,338	KRAUSE, Joseph P.	32 <i>,5</i> 78	RIVARD, Paul M.	43,446
BUROW. Scott A.	42,373	LINEK Prograv.	29,822	SCHAD, SONE P.	32,550
CALLAHAN, James V.	20,095	MAGOON, Surficel	43,769	SHIFLEY, Chades W.	28,042
CHANG, Sleve S	42,402	MALONE, Dale A.	32,155	SKERPON, Joseph M.	29.864
COHAN, Gregory J.	40,959	MANNAVA Ashok K	45,301	SPAR, Elizabeth	45,123
COOPERMAN, Mare S.	34,143	MeDERMOTT, Peter D.	29,411	STOCKLEY, D. J.	34,257
CURTIN, Joseph P.	34,571	McKEE Christopher L.	32,384	VAN ES, J. Picter	37,746
DAWSON, John R.	39,504	McKIE, Edward F.	17,395	WILLIAMS, Kathleen M.	34,380
DEMOOR, Laura J.	39,654	MEDLOCK, Nina L	29,673	WITCOFF, Sheldon W.	17.399
EVANS. Thomas L.	35,805	MEECE, Timothy C.	38,553	WOLFF, Kovin A.	42,233
FEDOROCHKO, Gary D.	35,509	MEEKER, Frederic M.	35,282	WOLFFE, Franklin D.	19,724
FISHER, Daniel E.	34,162	MILLER, Charles L	43.805	WOLFPB. Susan A.	33,568
FISHER, William J.	32,133	MITRIUS, Janics V.	43,808	WRIGHT, Bradley C.	38,061
GLEMBOCKI, Christopher R.	38,800	MORENO, Christopher P.	38,566	McGARRIGLE, Philip L.	31,395
HANLON, Brien E.	40,449	NELSON, Jon O.	24,566	GONZALES, Ellen	44,128
HEMMENDINGER, Lisa M.	42,653	NIEGOWSKI James A.	28.331	NORVIEL, Van	32,483
HILLMAN, LIS	43,673	PATEL Bind J.	42,065	ZHOU, Wei	44,419
	34.373	PATHAK Ajay S.	38,266	m	1-1-17
HONG, Patricia E. HOSCHRIT, Dale H.	19,090	PAYNE Steven S.	35,316		
MCISC.MPUIL. LAMBERS.	12/420	13814E-34603	- V E- V-		

All correspondence and telephone communications should be addressed to:

Pamela L Banner

Banner & Witcoff, Ltd. 1001 G Street, N.W., 11th Floor Washington, D.C. 20001-4597 Customer Number: 22907 Tel: (202) 508-9100

Tel: (202) 508-9100 Fax: (202) 508-9299

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

ignatureull Name of First Invent		Calvin	F
	Phoily Name	First Given Name	Second Given Name
esidence Stanford, Cal	ifornia	Citizanship	United States of America
est Office Address Gir	zton Laboratory, 450 Via Pa	ilou, Stanford, California, 94	305-4085
gnature		Date	
	or Trulson	Date	0.
	or Trulson Family Namo	Mark First Glycn Name	Second Given Name
gnature_ ull Name of First Invento esidence_San Jose, Cal	Family Numo	Mark	
ena ture		Date	
	or Trulson		O.
		Mark	
Il Name of First Invent	Family Numo	Mark First Glycn Name	Second Given Name

08/21/05 CC. CUPUS: 4. VIII 503 CITY IVIT CHE SITHY OKURER & WILCOFF

Signature		Date	
Full Name of First Inventor	Manalis	Scott	R.
	Family Name	First Given Name	Second Gives Name
Residence Santa Barbara, Califor		Citizenship	United States of America
Post Office Address 390 Meric	la Drive, Santa Barbara.	California 94311	
		-	
	•		
Signature		Date_	
Full Name of First Inventor	Forman	Jonathan	В.
	Funity Name	Flost Given Name	Second Given Name
Residence San Carlos, California	1	Citizenship	United States of America
Post Office Address 1046 Lupi	n Way, San Carlos, Cali	formia_94070	

JOINT DELARATION FOR PATENT APPLICATION

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

	We beli	eve we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is
sought	on the ir	vention entitled METHOD FOR DETECTING CHEMICAL INTERACTIONS BETWEEN NATURALLY
OCCU	RRING E	BIO-POLYMERS WHICH ARE NON-IDENTICAL BINDING PARTNERS, the specification of which
		is attached hereto.
	C2(

✓ was filed on June 16, 1998 as Application Serial Number 09/097,675, and was amended on __(if applicable).
 ✓ was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. ______, filed ______, and amended on _____ (if any).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119

Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)
60/049,707	June 16, 1997	Yes

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status - Patented, Pending, Abandoned

The first transfer of the first transfer the first transfer transf

Power of Attorney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	IWANICKI, John P.	34,628	PETERSON, Thomas L.	30,969
BANNER, Donald W.	17,037	JACKSON, Thomas H.	29,808	POTENZA, Joseph M.	28,175
BANNER, Mark T.	29,888	KAGAN, Sarah A.	32,141	PRATT, Thomas K.	37,210
BANNER, Pamela I.	33,644	KATZ, Robert S.	36,402	RENK, Christopher J.	33,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	32,168
BODNER, Jordan	42,338	KRAUSE, Joseph P.	32,578	RIVARD, Paul M.	43,446
BUROW, Scott A.	42,373	LINEK, Ernest V.	29,822	SCHAD, Steve P.	32,550
CALLAHAN, James V.	20,095	MAGOON, Sumeet	43,769	SHIFLEY, Charles W.	28,042
CHANG, Steve S	42,402	MALONE, Dale A.	32,155	SKERPON, Joseph M.	29,864
COHAN, Gregory J.	40,959	MANNAVA, Ashok K.	45,301	SPAR, Elizabeth	45,123
COOPERMAN, Marc S.	34,143	McDERMOTT, Peter D.	29,411	STOCKLEY, D. J.	34,257
CURTIN, Joseph P.	34,571	McKEE, Christopher L.	32,384	VAN ES, J. Pieter	37,746
DAWSON, John R.	39,504	McKIE, Edward F.	17,335	WILLIAMS, Kathleen M.	34,380
DEMOOR, Laura J.	39,654	MEDLOCK, Nina L.	29,673	WITCOFF, Sheldon W.	17,399
EVANS, Thomas L.	35,805	MEECE, Timothy C.	38,553	WOLFF, Kevin A.	42,233
FEDOROCHKO, Gary D.	35,509	MEEKER, Frederic M.	35,282	WOLFFE, Franklin D.	19,724
FISHER, Daniel E.	34,162	MILLER, Charles L.	43,805	WOLFFE, Susan A.	33,568
FISHER, William J.	32,133	MITRIUS, Janice V.	43,808	WRIGHT, Bradley C.	38,061
GLEMBOCKI, Christopher R.	38,800	MORENO, Christopher P.	38,566	McGARRIGLE, Philip L.	31,395
HANLON, Brian E.	40,449	NELSON, Jon O.	24,566	GONZALES, Ellen	44,128
HEMMENDINGER, Lisa M.	42,653	NIEGOWSKI, James A.	28,331	NORVIEL, Vern	32,483
HILLMAN, Lisa	43,673	PATEL, Binal J.	42,065	ZHOU, Wei	44,419
HONG, Patricia E.	34,373	PATHAK, Ajay S.	38,266		
HOSCHEIT, Dale H.	19,090	PAYNE, Steven S.	35,316		

All correspondence and telephone communications should be addressed to:

Pamela I. Banner

Banner & Witcoff, Ltd. Customer Number: 22907 1001 G Street, N.W., 11th Floor Tel: (202) 508-9100 Washington, D.C. 20001-4597 Fax: (202) 508-9299

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Calvin First Given Name Citizenship , Stanford, California, 94	F. Second Given Name United States of America 305-4085
Citizenship	United States of America
, Stanford, California, 94	305-4085
	·
Date_	
Mark	О.
First Given Name	Second Given Name
Citizenship	United States of America
California, 95126	
_	Mark First Given Name Citizenship

Additional Inventor(s) named on next page.

ade that the of the world at a the theory of the

Signature		Date	
Full Name of First Inventor	Manalis	Scott	R.
	Family Name	First Given Name	Second Given Name
Residence Santa Barbara, Californ	ia	Citizenship	United States of America
Post Office Address 390 Merida	Drive, Santa Barbara		
			.,
Signature Occ	dry	Date	8/18/00
Full Name of First Invertor	Forman	Jonathan	E.
	Family Name	First Given Name	Second Given Name
Residence San Carlos, California		Citizenship_	United States of America
Post Office Address 1046 Lupin	Way San Carlos Ca	lifornia 94070	

PTO/SB/81 (02-01)
Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control number Under the Paperwork Reduction Act of 1995, по persons are required to respond

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

required to respond to a collection of information unless it displays a valid OMB control number					
Application Number	(unassigned)				
Filing Date	Herewith				
First Named Inventor	Quate et. al.				
Group Art Unit	TBD				
Examiner Name	TBD				
Attorney Docket Number	3053.1C				

l hereby a	ppoint:			Γ					
	oners at Cu	ustomer Number		>	Number	ustomer Bar Code			
<i>OR</i> ⊠ Practiti	oner(s) nar	ned below:		L	Label he	э <i>гө</i>]		
	Name			Registration Number			1		
	Philip L. McGarrigle			31,395					
	Wei Zhou			44,419			İ		
	Man Sung Co			42,423			İ		
	Alan Sherr			42,147			l		
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.									
Please change the correspondence address for the above-identified application to:									
				Customer					
OR Practitioners at Customer Number 22886 Number Bar Co Label here				_					
Firm or Individu	al Name	Affymetrix, Inc.							
Address		3380 Central Expressway							
Address									
City		Santa Clara State CA ZIP 95051							
Country		USA							
Telephone		408-731-5000	Fax	Fax 408-731-5392					
I am the:									
Applicant/Inventor.									
Assignee of record of the entire interest. See 37 CFR 3.71.									
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).									
SIGNATURE of Applicant or Assignee of Record									
Name	e Barbara A. Caulfield								
Signature Buliff Canfild.									
Date (Jan. 31, 2802									
NOTE: Signaturés of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.									
Total of forms are submitted.									

Burden Hour Statement. This form is estimated to take 3 minutes to complete Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO. Assistant Commissioner for Patents, Washington, DC 20231.